



Product Change Notification / ALAN-15MUYV374

Date:

08-Jul-2022

Product Category:

Clock and Timing - Clock and Data Distribution

PCN Type:

Manufacturing Change

Notification Subject:

CCB 4575.002 Final Notice: Qualification of MTAI as a new assembly site for selected SY898xx and SY100EP111UTG device families available in 32L TQFP (7x7x1mm) package.

Affected CPNs:

[ALAN-15MUYV374_Affected_CPN_07082022.pdf](#)
[ALAN-15MUYV374_Affected_CPN_07082022.csv](#)

Notification Text:

PCN Status:

Final Notification

PCN Type: Manufacturing Change

Microchip Parts Affected: Please open one of the files found in the Affected CPNs section.
Note: For your convenience Microchip includes identical files in two formats (.pdf and .xls)

Description of Change: Qualification of MTAI as a new assembly site for selected SY898xx and SY100EP111UTG device families available in 32L TQFP (7x7x1mm) package.

Pre and Post Change Summary:

		Pre Change	Post Change
Assembly Site		Amkor Technology Philippine (P1/P2), INC. (ANAP)	Microchip Technology Thailand (HQ) (MTAI)
Wire Material		Au	Au
Die Attach Material		3230	QMI519
Molding Compound Material		G700	G700
Moisture Sensitivity Level (MSL)		MSL 2	MSL 1
Lead-Frame	Material	C194	C7025
	Paddle Size	138x138	197x197
	DAP Surface Prep	Double Ring	Ag selective
	Lead-lock	Yes	No
	See pre and post change comparison		
Tray	Color	Black	Blue
	Type	Bakeable	Non-bakeable
	See pre and post change comparison		

Impacts to Data Sheet:None

Change ImpactNone

Reason for Change:To improve manufacturability by qualifying a new assembly site.

Change Implementation Status:In Progress

Estimated First Ship Date:June 30, 2022 (date code: 2227)

Note: Please be advised that after the estimated first ship date customers may receive pre and post change parts.

Time Table Summary:

	May 2022				June 2022				
Workweek	1 9	2 0	2 1	2 2	2 3	2 4	2 5	2 6	2 7
Qual Report Availability				X					

Final PCN Issue Date				X					
Estimated Implementation Date									X

Method to Identify Change:Traceability code

Qualification Report:Please open the attachments included with this PCN labeled as PCN_#_Qual_Report.

Revision History:May 24, 2022: Issued final notification.

May 26, 2022: Re-issued final notification to correct Package from TQPF to TQFP.

The change described in this PCN does not alter Microchip’s current regulatory compliance regarding the material content of the applicable products.

Attachments:

[PCN_ALAN-15MUYV374_Pre and Post Change_Summary.pdf](#)

[PCN_ALAN-15MUYV374_Qualification_Report.pdf](#)

Please contact your local [Microchip sales office](#) with questions or concerns regarding this notification.

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Affected Catalog Part Numbers (CPN)

SY89809ALTZ

SY898531LTZ

SY89809ALTZ-TR

SY898531LTZ-TR

SY100EP111UTG

SY100EP111UTG-TR

SY100EP111UTG-TX